SEQUENCE LISTING

<110> DAVIS, Maria NELSON, John KUMAR, Shiv FINN, Patrick NAMPALLI, Satyam FLICK, Parke <120> TAQ DNA POLYMERASES HAVING AN AMINO ACID SUBSTITUTION AT E681 AND HOMOLOGS THEREOF EXHIBITING IMPROVED SALT TOLERANCE <130> PB9944 us 10/049,358 <140> 2002-05-17 <141> <150> PCT/US00/22150 2000-08-10 <151> <150> us 60/154,739 <151> 1999-09-17 us 60/150,167 <150> <151> 1999-08-21 <160> 16 <170> PatentIn version 3.3 <210> <211> <212> 832 PRT <213> Thermus aquaticus <400> 1 Met Arg Gly Met Leu Pro Leu Phe Glu Pro Lys Gly Arg Val Leu Leu Val Asp Gly His His Leu Ala Tyr Arg Thr Phe His Ala Leu Lys Gly 20 25 30 Leu Thr Thr Ser Arg Gly Glu Pro Val Gln Ala Val Tyr Gly Phe Ala Lys Ser Leu Lys Ala Leu Lys Glu Asp Gly Asp Ala Val Ile Val 50 55 Val Phe Asp Ala Lys Ala Pro Ser Phe Arg His Glu Ala Tyr Gly Gly 65 70 75 80 Tyr Lys Ala Gly Arg Ala Pro Thr Pro Glu Asp Phe Pro Arg Gln Leu Ala Leu Ile Lys Glu Leu Val Asp Leu Leu Gly Leu Ala Arg Leu Glu

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